



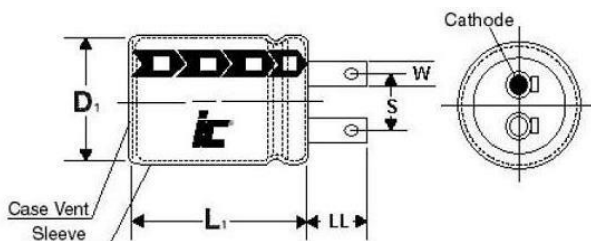
### FEATURES

High Reliability - High voltage – Long life

### APPLICATIONS

Emergency lights – Signal lights

<b>Operating Temperature Range</b>		<b>-20°C to +70°C</b>		
<b>Capacitance Tolerance</b>		<b>-10 to+20% at 120 Hz, 25°C</b>		
<b>Surge Voltage</b>	<b>WVDC</b>	<b>360</b>	<b>450</b>	
	<b>SVDC</b>	450	500	
<b>Dissipation Factor 25°C, 120 Hz</b>	<b>WVDC</b>	<b>360</b>	<b>450</b>	
	<b>tan δ</b>	.07	.07	
<b>Leakage Current @25°C, Rated WVDC applied</b>		<b>Time</b>	<b>5 Minutes</b>	
			$3\sqrt{CV}$	
<b>Charge/ Discharge</b>		<b>1 million flashes at rated voltage applied &amp; 45°C repeating every 30 seconds thru a Xe flash tube having a discharge resistance of 0.7~1.0Ω</b>		
		<b>Capacitance Change</b>	≤10% of initial measured value	
		<b>Dissipation Factor</b>	≤150% of maximum specified value	
		<b>Leakage Current</b>	≤200% of maximum specified value	
<b>Shelf Life</b>		<b>500 hours at 70°C with no voltage applied</b>		
		<b>Capacitance Change</b>	≤10% initial measured value	
		<b>Dissipation Factor</b>	≤150% of maximum specified value	
		<b>Leakage Current</b>	≤200% of maximum specified value	



D	20	22	25	30	35	40
$\alpha$	0.5	0.5	1.0	1.0	1.0	1.0
$LL_{\pm 2}$	11	11	11	11	11	11
$S_{\pm 1}$	8	10	10	10	10	12.5
W	2.6	2.6	3.0	3.0	3.0	3.0

$D_1 = D \pm \alpha$   
 $L_1 = L \pm 2$

# FSL

+70°C, photoflash snap in

Capacitance (µF)	WVDC	IC PART NUMBER	Maximum ESR (Ω) 120 Hz, +20°C	LC (µA) 20°C, 5 minutes	Dims DxL (mm)
47	450	<a href="#">476FSL450XBE</a>	2.47041	436.29	22x35
60	360	<a href="#">606FSL360XBD</a>	1.93516	440.91	22x30
68	450	<a href="#">686FSL450XBF</a>	1.70749	524.79	22x40
68	450	<a href="#">686FSL450XCD</a>	1.70749	524.79	25x30
70	360	<a href="#">706FSL360XBE</a>	1.65871	476.24	22x35
70	360	<a href="#">706FSL360XCC</a>	1.65871	476.24	25x25
80	360	<a href="#">806FSL360XBF</a>	1.45137	509.12	22x40
80	360	<a href="#">806FSL360XCD</a>	1.45137	509.12	25x30
100	360	<a href="#">107FSL360XBG</a>	1.16109	569.21	22x45
100	360	<a href="#">107FSL360XCE</a>	1.16109	569.21	25x35
100	360	<a href="#">107FSL360XDC</a>	1.16109	569.21	30x25
100	450	<a href="#">107FSL450XBH</a>	1.16109	636.4	22x50
100	450	<a href="#">107FSL450XCF</a>	1.16109	636.4	25x40
100	450	<a href="#">107FSL450XDE</a>	1.16109	636.4	30x35
120	360	<a href="#">127FSL360XBH</a>	0.967578	623.54	22x50
120	360	<a href="#">127FSL360XCF</a>	0.967578	623.54	25x40
120	360	<a href="#">127FSL360XDD</a>	0.967578	623.54	30x30
120	450	<a href="#">127FSL450XBP</a>	0.967578	697.14	22x55
120	450	<a href="#">127FSL450XCG</a>	0.967578	697.14	25x45
120	450	<a href="#">127FSL450XDF</a>	0.967578	697.14	30x40
150	360	<a href="#">157FSL360XBP</a>	0.774062	697.14	22x55
150	360	<a href="#">157FSL360XCG</a>	0.774062	697.14	25x45
150	360	<a href="#">157FSL360XDE</a>	0.774062	697.14	30x35
150	450	<a href="#">157FSL450XBZ</a>	0.774062	779.42	22x60

Capacitance (µF)	WVDC	IC PART NUMBER	Maximum ESR (Ω) 120 Hz, +20°C	LC (µA) 20°C, 5 minutes	Dims DxL (mm)
150	450	<a href="#">157FSL450XCH</a>	0.774062	779.42	25x50
150	450	<a href="#">157FSL450XDG</a>	0.774062	779.42	30x45
180	360	<a href="#">187FSL360XCH</a>	0.645052	763.68	25x50
180	360	<a href="#">187FSL360XDF</a>	0.645052	763.68	30x40
180	360	<a href="#">187FSL360XED</a>	0.645052	763.68	35x30
220	360	<a href="#">227FSL360XCZ</a>	0.52777	844.27	25x60
220	360	<a href="#">227FSL360XDJ</a>	0.52777	844.27	30x45
220	360	<a href="#">227FSL360XEE</a>	0.52777	844.27	35x35
220	450	<a href="#">227FSL450XCZ</a>	0.52777	943.93	25x60
220	450	<a href="#">227FSL450XDP</a>	0.52777	943.93	30x55
220	450	<a href="#">227FSL450XEG</a>	0.52777	943.93	35x45
270	360	<a href="#">277FSL360XDH</a>	0.430035	935.31	30x50
270	360	<a href="#">277FSL360XEF</a>	0.430035	935.31	35x40
270	450	<a href="#">277FSL450XDJ</a>	0.430035	1045.71	35x65
270	450	<a href="#">277FSL450XEP</a>	0.430035	1045.71	35x55
330	360	<a href="#">337FSL360XDP</a>	0.351846	1034.02	30x55
330	360	<a href="#">337FSL360XEH</a>	0.351846	1034.02	35x50
330	450	<a href="#">337FSL450XEJ</a>	0.351846	1156.07	35x65
330	450	<a href="#">337FSL450XFP</a>	0.351846	1156.07	40x55
470	360	<a href="#">477FSL360XEZ</a>	0.247041	1234.02	35x60
470	360	<a href="#">477FSL360XFH</a>	0.247041	1234.02	40x50
470	450	<a href="#">477FSL450XEQ</a>	0.247041	1379.67	35x75
470	450	<a href="#">477FSL450XFJ</a>	0.247041	1379.67	40x65